NOVEMBER/DECEMBER 2024

BCS62 — OPEN SOURCE PROGRAMMING

Time : Three hours Maximum : 75 marks

Shanmuga Industries Arts & Science College
T.V.Malai

SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Enumerate two advantages of PHP.
2. What is HTTP?
3. Explain the Vi Editor.
4. Provide a definition of Shell.
5. State the purpose of the USE command.
6. Differentiate between Table and Database.
7. How to use comment line in PHP?
8. Define a function.
9. What is cookie?
10. Provide a definition of Session.

SECTION B — (5 × 5 = 25 marks)

Answer ALL the questions.

11. (a) Provide an overview of the HTTP request and response procedure.

Or

(b) Briefly discuss JavaScript.

12. (a) Describe the file system structure in Linux.

Or

(b) Explain how to manipulate strings in Linux shell programming.

13. (a) Demonstrate the command for creating a table and database in MySQL.

Or

(b) Explain how table joins function in MySQL.

14. (a) Explain the general syntactic characteristics of PHP program.

Or

(b) Write about PHP variables.

15. (a) Provide a brief overview of MySQL.

Or

(b) Describe two MySQL functions for database manipulation with examples.

Shanmuga Industries Arts & Science College T.V.Malai

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Elaborate on the core principles of CSS with a sample program.

17. Explain the essential command in Linux with an example.

18. Describe the process of creating, inserting, selecting, updating, and deleting a table in MySQL.

19. Clarify the usage of control statements in PHP through an example.

20. Outline the steps to access the details of student database from the PHP program.

———————